

Application No.: A.25-06-017
Exhibit No.: LIB-32



(U 933-E)

Mountain View Fire Cost Recovery Application

Exhibit LIB-32

June 14, 2016 Area Forecast Discussion

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FXUS65 KREV 141233
AFDREV

Area Forecast Discussion
National Weather Service Reno NV
533 AM PDT TUE JUN 14 2016

.FIRE WEATHER...

An impressive dry slot has moved in over the past two hours with RH cratering across parts of the Tahoe Basin and Sierra Front. Teens and single digit RH are present at this time. While this dry slot is expected to be short lived, enough dry air will remain into early afternoon for continuing low humidity. The wind forecast remains on track with gusts of 35-40 mph likely during the day. Currently, only zone 450 has fuels critical enough for a Red Flag Warning so one will be issued there through 7 pm, effective immediately.

Elsewhere, winds and RH will be there along the I-80 and Highway 50 corridors. However, fuels are only locally critical so will not issue there. That said, if any fires get started in those localized areas they have the potential to grow quickly.

Another dry slot is expected tonight, but this is expected to be even shorter lived with moisture then moving in Wednesday morning. Critical conditions may be possible for a brief time near sunrise tomorrow with the winds expected. However, RH is expected to rise above 20% by late morning for most areas so will not issue anything for tomorrow. The day shift will want to keep an eye though based on what has transpired this morning. Wallmann

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.PREVIOUS DISCUSSION... /Issued 242 AM PDT TUE JUN 14 2016/

SYNOPSIS...

Low pressure will bring gusty winds and cooler temperatures through Thursday with the highest winds on Wednesday as a cold front moves through the region. Showers are possible north of Interstate 80 Wednesday and Thursday. Summer conditions will return for the weekend.

SHORT TERM...

No appreciable changes were made to the main message that conditions will be gusty with a cooling trend through mid week. The timing for Lake Tahoe's Lake Wind Advisory has been moved up with winds remaining elevated early this morning. Otherwise, impacts through Thursday will include unsafe boating conditions on area lakes, crosswinds primarily along north-to-south routes, and the potential for blowing dust downwind of area sinks and dry lake beds.

Low pressure in the Pacific Northwest will keep the pressure gradient tight across the region through Thursday with Wednesday being the gustiest day. Winds will gust 25 to 35 mph today increasing 35 up to 45 mph by Wednesday afternoon, and dropping back down 20 to 30 mph for Thursday. Along with winds, there will be sufficient moisture to keep a slight chance of showers along the Sierra Crest from the Tahoe Basin northward to the Oregon state line. The best chances will be remain in northern Lassen, Modoc, and northern Washoe Counties where frontal forcing is the

strongest.

The frontal slope is not very supportive of widespread convection leaving only about a 10% chance of a thunderstorm embedded in mostly rain showers. QPF will not be overly impressive, but around 0.25 inches is possible mainly in northern Lassen/Washoe Counties and the Surprise Valley. Snow levels will dip to around 6500 feet, but surface temperatures should rapidly melt snow that falls keeping accumulation minimal and impacts negligible. Elsewhere, expect a few light showers south to around I-80 and primarily virga as far south as Highway 50. Temperatures will drop through Thursday with afternoon highs struggling in the low 70s Wednesday and Thursday. Boyd

LONG TERM...Friday through Monday...

Minimal changes made to the long term as the Pacific trough slowly weakens and lifts northward. At the same time, a strengthening ridge over New Mexico will build northwestward into Western Nevada. A warming trend is expected through the period with below average highs Friday becoming above average by next Monday. The ridge axis will remain south of the area through the period with light west winds aloft. This will result in a late afternoon zephyr each day along the Sierra into Sierra Front.

There is high confidence in this pattern change, but the details are still in question. Specifically, how much will we warm up? The EC and ensembles favor a flatter ridge and lower heights which will keep things very warm, but nothing out of the ordinary for mid to late June. In contrast, the GFS and a couple ensemble members show highs approaching 100 in Western NV which is record territory. At this point, the forecast leans toward the majority of solutions with hot temps by Monday, but nothing extreme. Wallmann

AVIATION...

A large trough will remain near the West Coast into Thursday. West to southwest winds will be the main concern with peak gusts 30-40 kts each afternoon for area terminals. Mtn wave turbulence will also be present. Generally expect VFR conditions, but local MVFR CIGS are possible Wednesday into Thursday north of I-80 as more moisture moves into this area. Light showers are expected, but snow is possible above 7000 feet or so. Wallmann

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.REV Watches/Warnings/Advisories...

NV...Lake Wind Advisory until 11 PM PDT this evening NVZ002.

Red Flag Warning until 7 PM PDT this evening NVZ450.

Lake Wind Advisory from 2 PM this afternoon to 11 PM PDT this evening NVZ004.

CA...Lake Wind Advisory from 2 PM this afternoon to 11 PM PDT this evening CAZ071.

Lake Wind Advisory until 11 PM PDT this evening CAZ072.

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For more information from the National Weather Service visit...
<http://weather.gov/reno>